

=> d his

(FILE 'HOME' ENTERED AT 19:14:39 ON 31 JAN 2005)

FILE 'CAPLUS, MEDLINE, BIOSIS, USPATFULL' ENTERED AT 19:14:59 ON 31 JAN 2005

L1	0 S LECINE437
L2	1 S L437W
L3	0 S IL589
L4	43 S A438
L5	1 S L4 AND NAV
L6	0 S IL589
L7	0 S IL 589
L8	7 S RAT NAV
L9	1 S L8 AND MUTANT
L10	0 S L9 AND IL589
L11	0 S L9 AND A438

L2 ANSWER 1 OF 1 USPATFULL on STN
AN 2004:334707 USPATFULL
TI Screen for sodium channel modulators
IN Wang, Sho-Ya, Voorheesville, NY, UNITED STATES
PI US 2004265788 A1 20041230
AI US 2003-608584 A1 20030626 (10)
DT Utility
FS APPLICATION
LN.CNT 1839
INCL INCLM: 435/004.000
NCL NCLM: 435/004.000
IC [7]
ICM: C12Q001-00

=> s il589

L3 0 IL589

=> s a438

L4 43 A438

=> s l4 and Nav

L5 1 L4 AND NAV

=> d 15

L5 ANSWER 1 OF 1 USPATFULL on STN
AN 2004:334707 USPATFULL
TI Screen for sodium channel modulators
IN Wang, Sho-Ya, Voorheesville, NY, UNITED STATES
PI US 2004265788 A1 20041230
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DT Utility
FS APPLICATION
LN.CNT 1839
INCL INCLM: 435/004.000
NCL NCLM: 435/004.000
IC [7]
ICM: C12Q001-00

=> s il589

L6 0 IL589

=> s il 589

L7 0 IL 589

=> s rat Nav

L8 7 RAT NAV

=> s l8 and mutant

L9 1 L8 AND MUTANT

=> d 19

L9 ANSWER 1 OF 1 USPATFULL on STN
AN 2004:314535 USPATFULL
TI Sodium channel regulators and modulators
IN Okuse, Kenji, London, UNITED KINGDOM
Baker, Mark, London, UNITED KINGDOM
Poon, Louisa, London, UNITED KINGDOM

Wood, John Nicholas, London, UNITED KINGDOM
Malik-Hall, Misbah, London, UNITED KINGDOM

PI US 2004248207 A1 20041209
AI US 2004-487337 A1 20040713 (10)
WO 2002-GB3852 20020820
PRAI GB 2001-20238 20010820
DT Utility
FS APPLICATION
LN.CNT 3623
INCL INCLM: 435/007.200
NCL NCLM: 435/007.200
IC [7]
ICM: G01N033-53
ICS: G01N033-567

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 19 and il589
L10 0 L9 AND IL589

=> s 19 and a438
L11 0 L9 AND A438

=> d his

(FILE 'HOME' ENTERED AT 20:09:26 ON 31 JAN 2005)

FILE 'MEDLINE' ENTERED AT 20:09:35 ON 31 JAN 2005

E WANG SHO /AU

L1

12 S E4

L2

12 DUP REM L1 (0 DUPLICATES REMOVED)

L1 ANSWER 1 OF 12 MEDLINE on STN
 AN 2004598935 IN-PROCESS
 DN PubMed ID: 15545401
 TI Block of inactivation-deficient Na⁺ channels by local anesthetics in stably transfected mammalian cells: evidence for drug binding along the activation pathway.
 AU **Wang Sho-Ya**; Mitchell Jane; Moczydlowski Edward; Wang Ging Kuo
 CS Department of Biology, State University of New York at Albany, NY 12222, USA.
 NC GM48090 (NIGMS)
 HL66076 (NHLBI)
 SO Journal of general physiology, (2004 Dec) 124 (6) 691-701.
 Journal code: 2985110R. ISSN: 0022-1295.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS IN-PROCESS; NONINDEXED; Priority Journals
 ED Entered STN: 20041202
 Last Updated on STN: 20050122

=> dup rem l1

PROCESSING COMPLETED FOR L1

L2 12 DUP REM L1 (0 DUPLICATES REMOVED)

=> d 12 1-11

L2 ANSWER 1 OF 12 MEDLINE on STN
 AN 2004598935 IN-PROCESS
 DN PubMed ID: 15545401
 TI Block of inactivation-deficient Na⁺ channels by local anesthetics in stably transfected mammalian cells: evidence for drug binding along the activation pathway.
 AU **Wang Sho-Ya**; Mitchell Jane; Moczydlowski Edward; Wang Ging Kuo
 CS Department of Biology, State University of New York at Albany, NY 12222, USA.
 NC GM48090 (NIGMS)
 HL66076 (NHLBI)
 SO Journal of general physiology, (2004 Dec) 124 (6) 691-701.
 Journal code: 2985110R. ISSN: 0022-1295.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS IN-PROCESS; NONINDEXED; Priority Journals
 ED Entered STN: 20041202
 Last Updated on STN: 20050122

L2 ANSWER 2 OF 12 MEDLINE on STN
 AN 2004056743 MEDLINE
 DN PubMed ID: 14608007
 TI Mexiletine block of wild-type and inactivation-deficient human skeletal muscle hNav1.4 Na⁺ channels.
 AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**
 CS Department of Anaesthesia, Harvard Medical School and Brigham and Women's Hospital, Boston, MA, USA.. wang@zeus.bwh.harvard.edu
 NC GM 48090 (NIGMS)
 HL 66076 (NHLBI)
 SO Journal of physiology, (2004 Feb 1) 554 (Pt 3) 621-33.
 Journal code: 0266262. ISSN: 0022-3751.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)

LA English
 FS Priority Journals
 EM 200411
 ED Entered STN: 20040204
 Last Updated on STN: 20041117
 Entered Medline: 20041116

L2 ANSWER 3 OF 12 MEDLINE on STN
 AN 2004374506 MEDLINE
 DN PubMed ID: 15275764
 TI State-dependent block of voltage-gated Na⁺ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain.
 AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**
 CS Department of Anesthesia, Brigham and Women's Hospital and Harvard Medical School, 75 Francis Street, Boston, MA 02115, USA..
 wang@zeus.bwh.harvard.edu
 SO Pain, (2004 Jul) 110 (1-2) 166-74.
 Journal code: 7508686. ISSN: 0304-3959.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200410
 ED Entered STN: 20040728
 Last Updated on STN: 20041026
 Entered Medline: 20041025

L2 ANSWER 4 OF 12 MEDLINE on STN
 AN 2004056345 MEDLINE
 DN PubMed ID: 14757121
 TI Electrophysiologic properties of lidocaine, cocaine, and n-3 fatty-acids block of cardiac Na⁺ channels.
 AU Xiao Yong-Fu; Ke Qingen; **Wang Sho-Ya**; Yang Yinke; Chen Yu; Wang Ging Kuo; Morgan James P; Cox Benjamin; Leaf Alexander
 CS Department of Medicine, Beth Israel Deaconess Medical Center and Massachusetts General Hospital, Harvard Medical School, Boston, MA 02215, USA.
 NC DA11762 (NIDA)
 DK38165 (NIDDK)
 GM35401 (NIGMS)
 HL62284 (NHLBI)
 SO European journal of pharmacology, (2004 Feb 6) 485 (1-3) 31-41.
 Journal code: 1254354. ISSN: 0014-2999.
 CY Netherlands
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200410
 ED Entered STN: 20040204
 Last Updated on STN: 20041006
 Entered Medline: 20041005

L2 ANSWER 5 OF 12 MEDLINE on STN
 AN 2003239448 MEDLINE
 DN PubMed ID: 12761351
 TI Point mutations at L1280 in Nav1.4 channel D3-S6 modulate binding affinity and stereoselectivity of bupivacaine enantiomers.
 AU Nau Carla; **Wang Sho-Ya**; Wang Ging Kuo
 CS Department of Anesthesiology, Friedrich-Alexander-University Erlangen-Nuremberg, Krankenhausstrasse 12, 91054 Erlangen, Germany..
 Carla.Nau@kfa.imed.uni-erlangen.des
 NC GM 35401 (NIGMS)

GM 48090 (NIGMS)
 HL 66076 (NHLBI)
 SO Molecular pharmacology, (2003 Jun) 63 (6) 1398-406.
 Journal code: 0035623. ISSN: 0026-895X.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200306
 ED Entered STN: 20030523
 Last Updated on STN: 20030627
 Entered Medline: 20030626

L2 ANSWER 6 OF 12 MEDLINE on STN
 AN 2003353108 MEDLINE
 DN PubMed ID: 12885638
 TI Tryptophan scanning of D1S6 and D4S6 C-termini in voltage-gated sodium channels.
 AU **Wang Sho-Ya**; Bonner Kaitlin; Russell Corinna; Wang Ging Kuo
 CS Department of Biology, State University of New York at Albany, Albany, New York, USA.
 NC HL66076 (NHLBI)
 SO Biophysical journal, (2003 Aug) 85 (2) 911-20.
 Journal code: 0370626. ISSN: 0006-3495.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200405
 ED Entered STN: 20030730
 Last Updated on STN: 20040525
 Entered Medline: 20040524

L2 ANSWER 7 OF 12 MEDLINE on STN
 AN 2003237767 MEDLINE
 DN PubMed ID: 12626674
 TI Veratridine block of rat skeletal muscle Nav1.4 sodium channels in the inner vestibule.
 AU Wang Ging Kuo; **Wang Sho-Ya**
 CS Department of Anesthesia, Harvard Medical School and Brigham and Women's Hospital, Boston, MA, USA.. wang@zeus.bwh.harvard.edu
 NC GM35401 (NIGMS)
 HL66076 (NHLBI)
 SO Journal of physiology, (2003 May 1) 548 (Pt 3) 667-75.
 Journal code: 0266262. ISSN: 0022-3751.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200408
 ED Entered STN: 20030523
 Last Updated on STN: 20031217
 Entered Medline: 20040819

L2 ANSWER 8 OF 12 MEDLINE on STN
 AN 2003464184 MEDLINE
 DN PubMed ID: 12913091
 TI State-dependent block of wild-type and inactivation-deficient Na⁺ channels by flecainide.
 AU Wang Ging Kuo; Russell Corinna; **Wang Sho-Ya**
 CS Department of Anesthesia, Brigham and Women's Hospital, 75 Francis St., Boston, MA 02115, USA.. wang@zeus.bwh.harvard.edu

NC GM48090 (NIGMS)
 HL66076 (NHLBI)
 SO Journal of general physiology, (2003 Sep) 122 (3) 365-74.
 Journal code: 2985110R. ISSN: 0022-1295.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200405
 ED Entered STN: 20031008
 Last Updated on STN: 20040522
 Entered Medline: 20040521

L2 ANSWER 9 OF 12 MEDLINE on STN
 AN 2003285949 MEDLINE
 DN PubMed ID: 12812762
 TI A tyrosine residue in TM6 of the Vanilloid Receptor TRPV1 involved in
 desensitization and calcium permeability of capsaicin-activated currents.
 AU Mohapatra Durga Prasanna; **Wang Sho-Ya**; Wang Ging Kuo; Nau Carla
 CS Department of Anesthesiology, Friedrich-Alexander-University
 Erlangen-Nuremberg, 91054 Erlangen, Germany.
 SO Molecular and cellular neurosciences, (2003 Jun) 23 (2) 314-24.
 Journal code: 9100095. ISSN: 1044-7431.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200309
 ED Entered STN: 20030619
 Last Updated on STN: 20031001
 Entered Medline: 20030930

L2 ANSWER 10 OF 12 MEDLINE on STN
 AN 2002702779 MEDLINE
 DN PubMed ID: 12464386
 TI Voltage-gated sodium channels as primary targets of diverse lipid-soluble
 neurotoxins.
 AU **Wang Sho-Ya**; Wang Ging Kuo
 CS Department of Biology, State University of New York at Albany, Albany, NY
 12222, USA.. wang@zeus.bwh.harvard.edu
 SO Cellular signalling, (2003 Feb) 15 (2) 151-9. Ref: 68
 Journal code: 8904683. ISSN: 0898-6568.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW LITERATURE)
 LA English
 FS Priority Journals
 EM 200308
 ED Entered STN: 20021217
 Last Updated on STN: 20030829
 Entered Medline: 20030828

L2 ANSWER 11 OF 12 MEDLINE on STN
 AN 2002300870 MEDLINE
 DN PubMed ID: 12040081
 TI PKA/AKAP/VR-1 module: A common link of Gs-mediated signaling to thermal
 hyperalgesia.
 AU Rathee Parvinder Kaur; Distler Carsten; Obreja Otilia; Neuhuber Winfried;
 Wang Ging Kuo; **Wang Sho-Ya**; Nau Carla; Kress Michaela
 CS Institute of Physiology, Department of Anaesthesiology, University of
 Erlangen, D-91054 Erlangen, Germany.. ihan@phy.ucsf.edu

SO Journal of neuroscience : official journal of the Society for
Neuroscience, (2002 Jun 1) 22 (11) 4740-5.
Journal code: 8102140. ISSN: 1529-2401.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200207
ED Entered STN: 20020604
Last Updated on STN: 20020707
Entered Medline: 20020705